

# Harminder Singh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

213  
citations

9  
h-index

14  
g-index

25  
ext. papers

301  
ext. citations

2.7  
avg, IF

3.71  
L-index

#	Paper	IF	Citations
21	Functionally Modified Ionic Liquids as Green Solvents for Extraction and Removal of Toxic Metal Ions from Contaminated Water <b>2022</b> , 343-352		0
20	Click generated o-Cresolphthalein linked 1,2,3-triazole derivative for selective Pb(II) ion recognition. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1251, 131985	3.4	2
19	Robust and Versatile Cu(I) metal frameworks as potential catalysts for azide-alkyne cycloaddition reactions: Review. <i>Molecular Catalysis</i> , <b>2021</b> , 504, 111432	3.3	12
18	Chemical oxygen demand and biochemical oxygen demand <b>2021</b> , 69-83		0
17	Composition, valorization and therapeutical potential of molasses: a critical review. <i>Environmental Technology Reviews</i> , <b>2021</b> , 10, 131-142	7.7	6
16	Thermodynamic studies of bronchospasm drug (Asthalin-4) in water and in binary aqueous mixtures of ethanol:solvent and temperature effect. <i>Indian Chemical Engineer</i> , <b>2020</b> , 1-11	1	1
15	Review on magnetic nanoferrites and their composites as alternatives in waste water treatment: synthesis, modifications and applications. <i>Environmental Science: Water Research and Technology</i> , <b>2020</b> , 6, 491-514	4.2	26
14	Biopolymer modified transition metal spinel ferrites for removal of fluoride ions from water. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2019</b> , 12, 100237	3.3	3
13	Surface Modification of Spinel Ferrite with Biopolymer for Adsorption of Cationic and Anionic Dyes in Single and Ternary Dye System. <i>Fibers and Polymers</i> , <b>2019</b> , 20, 739-751	2	8
12	Microstructural and magnetic properties of Zn substituted nickel ferrite synthesised by facile solution combustion method. <i>Micro and Nano Letters</i> , <b>2019</b> , 14, 727-731	0.9	3
11	Magnetic Zinc Ferrite-Alginate Biopolymer Composite: As an Alternative Adsorbent for the Removal of Dyes in Single and Ternary Dye System. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2018</b> , 28, 1688-1705	3.2	12
10	Insulin Therapy for Diabetes Epidemic: A Patent Review. <i>Current Drug Delivery</i> , <b>2018</b> , 15, 777-794	3.2	6
9	Magnetic Zinc Ferrite-Chitosan Bio-Composite: Synthesis, Characterization and Adsorption Behavior Studies for Cationic Dyes in Single and Binary Systems. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2018</b> , 28, 880-898	3.2	17
8	Removal of lead and copper metal ions in single and binary systems using biopolymer modified spinel ferrite. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 6194-6206	6.8	22
7	Synthesis of Spinel ZnFe <sub>2</sub> O <sub>4</sub> Modified with SDS via Low Temperature Combustion Method and Adsorption Behaviour of Crystal Violet Dye. <i>Asian Journal of Chemistry</i> , <b>2017</b> , 29, 2057-2064	0.4	5
6	Removal of methylene blue dye using activated carbon prepared from biowaste precursor. <i>Indian Chemical Engineer</i> , <b>2017</b> , 1-12	1	10
5	Surface modified spinel cobalt ferrite nanoparticles for cationic dye removal: Kinetics and thermodynamics studies. <i>Journal of Water Process Engineering</i> , <b>2016</b> , 11, 152-161	6.7	34

4	Comparison of Hexavalent Chromium Adsorption from Aqueous Solutions by Various Biowastes and Granulated Activated Carbon. <i>Indian Chemical Engineer</i> , <b>2014</b> , 56, 12-28	1	9
3	Removal of methylene blue using lemon grass ash as an adsorbent. <i>Carbon Letters</i> , <b>2014</b> , 15, 105-112	2.3	15
2	Adsorption of nickel from aqueous solutions using low cost biowaste adsorbents. <i>Water Quality Research Journal of Canada</i> , <b>2011</b> , 46, 239-249	1.7	7
1	Adsorption of Dyes from Aqueous Solution by Cow Dung Ash. <i>Carbon Letters</i> , <b>2008</b> , 9, 1-7	2.3	14